VALERO
BILL GREEHEY REFINERY
Post Office Box 9370 • Corpus Christi, Texas 78469-9370 • Telephone (361) 289-6000

February 27, 2014

Certified Mail
Return Receipt Requested

Office of Enforcement and Compliance Assurance
Office of Federal Activities
International Compliance Assurance Division (2254A)
Environmental Protection Agency
1200 Pennsylvania Avenue, NW.
Washington, DC 20460

RE: 2013 ANNUAL EXPORT REPORT
VALERO REFINING – TEXAS, L.P.
CORPUS CHRISTI REFINERY – WEST PLANT
SOLID WASTE REGISTRATION NUMBER: 30478
EPA ID NUMBER: TXD074604166

Dear Administrator,

Valero Refining – Texas, L.P. – West Plant is submitting this Annual Export report for the 2013 calendar year for hazardous waste that was exported to a foreign country for metals reclamation.

This report has been prepared in accordance with the requirements of 40 CFR 262.87.

262.87 (a) (1) The EPA identification number, name, and mailing and site address of the exporter filing the report;
EPA ID number: TXD074604166, Valero Refining - Texas, L. P., P. O. Box 9370, Corpus Christi, Texas 78469-9370, 5900 Up River Road, Corpus Christi, Texas 78407-1001.

262.87 (a) (2) The calendar year covered by the report;
Report year 2013.

262.87 (a) (3) The name and site address of each final recovery facility;
EG Metal Corporation, 687, Cheoyoung-ro, Nam-ku, Ulsan, 680-160, South Korea.

262.87 (a) (4) By final recovery facility, for each hazardous waste exported, a description of the hazardous waste, the EPA hazardous waste number (from 40 CFR part 261, subpart C or D), designation of waste type(s) and applicable waste code(s) from the appropriate OECD waste list incorporated by reference in §262.89(d), DOT hazard class, the name and U.S. EPA identification number (where applicable) for each transporter used, the total amount of hazardous waste shipped pursuant to this subpart, and number of shipments pursuant to each notification;

EG Metal Corporation, Waste Spent Hydrorefining Catalyst, EPA hazardous waste number K172, OECD waste classification number B1120, DOT hazard class 4.2, transporters included Best Transport Services Inc. – TXR000068676, JetCo Delivery Inc. - TXR000077976, Triad Transport Inc. - OKD981588791, Transfreight Express Lines, Zim Shipping Lines, and Bagun Jonghap Logistics Inc., 4,338,780 lbs shipped in 119 shipments.

262.87 (a) (5) In even numbered years, for each hazardous waste exported, except for hazardous waste produced by exporters of greater than 100kg but less than 1,000kg in a calendar month, and except for hazardous waste for which information was already provided pursuant to §262.41:

262.87 (a) (5) (i) Provide a description of the efforts undertaken during the year to reduce the volume and toxicity of the waste generated;
The Source Reduction and Waste Minimization Plan Executive Summary can be found in Attachment I.

262.87 (a) (5) (ii) Provide a description of the changes in volume and toxicity of the waste actually achieved during the year in comparison to previous years to the extent such information is available for years prior to 1984;
Valero Refining – Corpus Christi West Plant continues to implement provisions of the Source Reduction and Waste Minimization Plan. As required by that plan and associated reporting requirements, the annual progress report on source reduction and waste minimization activities will be submitted by July 1, 2014 to the Texas Commission on Environmental Quality, and will be available upon request.

262.87 (a) (6) A certification signed by the person acting as primary exporter:
See attachment II.

If there are any questions or concerns on this information, please feel free to contact me at (361) 289-3282 or Marin.Maldonado@Valero.com.

Sincerely,

Marin Maldonado
Senior Environmental Engineer

Attachments

bcc: Chris Abshire
SW-03-01
V:\EnvironmentalSafety\Environmental\Solid Waste\Reports\West Plant Export\ WP 2013 Annual Export Report.docx

ATTACHMENT I

SOURCE REDUCTION WASTE MINIMIZATION PLAN

EXECUTIVE SUMMARY

I. Facility Information

Name of Company:	Valero Refining – Texas, L.P.
Parent/Holding Company:	Valero Energy Corporation
Physical Location:	5900 Up River Road, Corpus Christi, TX 78407
Mailing Address:	P.O. Box 9370, Corpus Christi, TX 78469-9370
Telephone Number:	361/289-6000
Technical Contact:	Chris Abshire, Manager Environmental Engineering
Permit Numbers:	
TCEQ Notice of Registration:	30478
TCEQ Water Discharge Permit:	01909
TCEQ Account Number:	NE-0112G
EPA Identification:	TXD074604166
EPA NPDES:	TX0063355
EPA General Stormwater:	TXF00D812
Dun & Bradstreet Number:	07-939-1280
Latitude:	027 49 00
~~Longitude:~~	~~097 29 30~~
SIC Code:	2911

General Facility Description:

The Valero Corpus Christi West Refinery processes crude oil and heavy residuals into environmentally friendly motor fuels such as reformulated gasolines and low sulfur diesel. The facility is one of the newest refineries in the country with the majority of the process units at the plant constructed in the late 1980s and early 1990s.

II. Summary of Plan Revisions

This plan was originally developed in 1993.

In 1994, Valero made minor changes to update information on several of the reduction and minimization projects.

In 1998, the plan was updated to reflect a new five-year period for reduction and minimization goals.

In 2003, the plan was updated to reflect a new five-year period for reduction and minimization goals.

In 2008, the plan was updated to reflect a new five-year period for reduction and minimization goals.

In 2013, the plan was updated to reflect a new five-year period for reduction and minimization goals.

III. Hazardous Waste and Toxic Release Inventory (TRI) Data

The tables on the following pages contain hazardous waste and TRI data for the years 1987-2011. Significant variations in quantities of waste produced and pollutants emitted can be seen due to new hazardous waste listings and the addition and removal of TRI pollutants over the years.

In August 1998, EPA listed four refinery wastes as hazardous waste. These streams included: 1) Crude oil storage tank sediment (K169); 2) Clarified slurry oil storage tank sediment (K170); 3) Spent hydrotreating catalyst (K171); and 4) Spent hydrorefining catalyst (K171). These listings will continue to have a significant impact on the hazardous waste production at this facility.

IV. Human Health and Environmental Risk Review

Appendix A to this executive summary contains an example of the information compiled and used by Valero to evaluate the risks associated with specific chemicals released from this facility or present in facility wastes. This evaluation has resulted in the priority pollutant list found below.

Priority:
Benzene
Ethyl benzene
Toluene
Xylene (Mixed Isomers)

Secondary Assessments:
Ammonia
1,3-butadiene
Chlorine
Cresols
Cyclohexane
Ethylene Glycol
Hexane
Hydrogen fluoride
Methanol
Molybdenum trioxide
Methyl tertiary butyl ether (MTBE)
Naphthalene
Phosphoric acid
Propylene
Sulfuric acid
Antimony
Chromium
Cobalt
Copper
Nickel
Vanadium

Hazardous Waste Shipped Off-site 1987-1996 (tons)

Waste Description	TCEQ Waste Code	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
LRU carbon filters	9001404H							5	7	13	10
Nickel catalyst, spent	9002393H							24	7		
Soil contaminated with methanol	9003301H							2	18		
Ni/Cd batteries, spent	9004309H										
Hydrocracking catalyst	9005393H								14		
Waste mercaptans	9006207H										
Ethylene glycol	9007296H								7		
Dimethyl disulfide	9008219H								1		
Caustic, spent	9009109H			93	758		1164	2255	3448	2151	
Heat exchanger cleanings	9010319H					11	4	13	16	61	3
Paint waste	9011209H					4	10	7	9	5	5
Slop oil emulsion solids	9012409H	731	476		271	97					
Sulfuric acid, spent	9013104H										
Hydrofluoric acid, spent	9014104H										
Treatment sludge	9015603H										
Primary wastewater treatment sludge	9016603H							2470	7	193	83
DAF Unit float skim & bottom	9017603H										
API Separator sludge	9018603H										
Dewatered sludge	9019409H	274	65		88	23		765	458	757	882
Fuel gas packing material	9020319H										
SWS bottoms	9021409H									4	
HOC sand	9022310H										68
Activated carbon, MVRU, spent	9023404H										

Waste Description	TCEQ Waste Code	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Oleflex BUP R.E.D catalyst, spent	9024310H										
Degreaser solvent, spent	9025202H										
Hazardous debris	9026319H										
Refinery process wastewater	9027102H										
Platinum catalyst	9028393H										
Resin waste/petroleum dist.	9029212H										
HDS catalyst	9030393H										
Slurry tank bottoms	9031409H										
Crude oil tank bottoms	9032409H										
Hydrotreating catalyst, spent	9033393H										
Reactive fabric filters	9034310H										
47PSA adsorber catalyst	9035310H										
Mixed lab packs	9036003H										
MTBE catalyst	(970210)						28				
Lead debris	(979130)				1						

Hazardous Waste Shipped Off-site 1997-2006 (tons)

Waste Description	TCEQ Waste Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
LRU carbon filters	9001404H	1	2								
Nickel catalyst, spent	9002393H										
Soil contaminated with methanol	9003301H										
Ni/Cd batteries, spent	9004309H										
Hydrocracking catalyst	9005393H				437	147	369			347	
Waste mercaptan	9006207H										
Ethylene glycol	9007296H										
Dimethyl disulfide	9008219H										
Caustic, spent	9009109H							1			
Heat exchanger cleanings	9010319H	58	198	164	281	<1	301	214	318	315	192
Paint waste	9011209H	5	9	4	4						
Slop oil emulsion solids	9012409H										
Sulfuric acid, spent	9013104H										
Hydrofluoric acid, spent	9014104H							1			
Treatment sludge	9015603H										
Primary wastewater treatment sludge	9016603H	11	<1			121					
DAF Unit float skim & bottom	9017603H										
API Separator sludge	9018603H										
Dewatered sludge	9019409H	3251	434	1531	1835	1	1451	375	3758	1133	2277
Fuel gas packing material	9020319H										
SWS bottoms	9021409H										
HOC sand	9022310H			60	11						
Activated carbon, MVRU, spent	9023404H	3	3								
Oleflex BUP R.E.D catalyst, spent	9024310H	139	139			9	105	107	83		

Waste Description	TCEQ Waste Code	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Degreaser solvent, spent	9025202H			<1	<1	<1					
Hazardous debris	9026319H			10	<1	7	6	1	75	41	38
Refinery process wastewater	9027102H										
Platinum catalyst	9028393H			11	4		50		200		
Resin waste/petroleum dist.	9029212H			<1				1			
HDS catalyst	9030393H			2312	2688		2472	2568		2419	
Slurry tank bottoms	9031409H						52				
Crude oil tank bottoms	9032409H										
Hydrotreating catalyst, spent	9033393H										
Reactive fabric filters	9034310H				<1						
47PSA adsorber catalyst	9035310H				30	14					
Mixed lab packs	9036003H									1.7	0.2

Valero Refining – Texas, L.P.
Hazardous Waste Shipped Off-site 2007-2011 (tons)

Waste Description	TCEQ Waste Code	2007	2008	2009	2010	2011
LRU carbon filters	9001404H					
Nickel catalyst, spent	9002393H					
Soil contaminated with methanol	9003301H					
Ni/Cd batteries, spent	9004309H					
Hydrocracking catalyst	9005393H				496	
Waste mercaptans	9006207H					
Ethylene glycol	9007296H	0.08				
Dimethyl disulfide	9008219H					
Caustic, spent	9009109H					
Heat exchanger cleanings	9010319H	259	174	310	235	237
Paint waste	9011209H					
Slop oil emulsion solids	9012409H					
Sulfuric acid, spent	9013104H					1.0
Hydrofluoric acid, spent	9014104H					
Treatment sludge	9015603H					
Primary wastewater treatment sludge	9016603H					
DAF Unit float skim & bottom	9017603H					
API Separator sludge	9018603H					
Dewatered sludge	9019409H	1122	1315	1336	1803	16689
Fuel gas packing material	9020319H					
SWS bottoms	9021409H					
HOC sand	9022310H		20	35.5		
Activated carbon, MVRU, spent	9023404H		3.6			
Oleflex BUP R.E.D catalyst, spent	9024310H					
Degreaser solvent, spent	9025202H					
Hazardous debris	9026319H	36.7	29.8	32.2	12.9	8.8
Refinery process wastewater	9027102H					
Platinum catalyst	9028393H	15.3			151	2.2
Resin waste/petroleum dist.	9029212H					
HDS catalyst	9030393H		2437			
Slurry tank bottoms	9031409H					
Crude oil tank bottoms	9032409H					
Hydrotreating catalyst, spent	9033393H				61.5	
Reactive fabric filters	9034310H	0.3	0.42	0.2		
47PSA adsorber catalyst	9035310H					22.8
Mixed lab packs	9036003H				0.08	0.25
Spent hydrotreating catalyst	9038597H			11.6		
Spend chloride guard catalyst	9039310H			40.2	16	31.1
Corrosion inhibitor	9040219H				0.9	
Soil containing organics	9041301H				8.5	
Steam methane reformer catalyst	9042393H					7.9

Toxic Release Inventory for 1987-1996

TRI Chemical Compound Name	CAS No.	Total Quantity Released (tons)									
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
1,2,4-Trimethylbenzene	95636									2	1
1.3-Butadiene	106990				1						
Aluminum Oxide		5035	5633								
Ammonia	7664417	18	1	3	7	2	5	11	6		
Antimony compounds	N010	6	13	7	6	6	12	8	6	5	7
Arsenic											
Barium	7440-39-3				3	4					
Benzene	71432	8	1	1	1	1	22	20	6	5	4
Carbonyl Sulfide											
Chlorine	7782505				1	1	2	2	2	2	2
Chromium compounds	7440-47-3					1					
Cobalt compounds	N096				1	10	1	17	7	22	1
Copper compounds	N100									48	
Cresols (mixed isomers)	1319773										
~~Cyclohexane~~	~~111827~~	~~2~~			~~1~~					~~1~~	~~1~~
Diethanolamine	111422				1	1					
Ethylbenzene	100414					1	2	2	2	2	1
Ethylene	74851									3	2
Ethylene Glycol	107211							1	6		
Hydrochloric acid	7647010										
Hydrogen Fluoride	7664393		1					1	1	1	1
Lead compounds	7439-92-1					1					
Mercury compounds	7439-97-6										
Methanol	67561				1	1	5	2	3	3	3
Methyl-Tert-Butyl-Ether	1634044	37	8	8	8	8	70	44	31	25	28
Molybdenum Trioxide	1313275					77	1	139	49	106	122
Naphthalene	91203										
n-Hexane	110543									4	5
Nickel compounds	N495				9	59	36	54	22	46	21
Nitrate compounds	N511									30	34
PACs											
PCB			2								
Phosphoric Acid	7664382										
Prochloroethylene											
Propylene	115071				1	1	21	21	21	22	5
Selenium compounds											

TRI Chemical	CAS No.	Total Quantity Released (tons)									
Sodium hydroxide											
Sodium sulfate		15486	14162								
Sodium nitrate	7632000									11	
Sulfuric Acid	7664939	11	11	11	11	10	22	22	19	19	24
Tetrachloroethylene	127184						1	1	1	1	1
Thallium					1						
Toluene	108883	11	4		1		24	22	19	11	4
Vanadium compounds					15	207					
Xylene (mixed isomers)	1330207	1	1	1	1		12	11	14	11	8
Zinc											

Toxic Release Inventory for 1997-2006

TRI Chemical Compound Name	CAS No.	Total Quantity Released (tons)									
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1,2,4-Trimethylbenzene	95636		<1	<1	<1	<1	<1	<1	2.2	1.2	1.5
1.3-Butadiene	106990		<1	<1	<1	<1	<1	<1	0.1	0.1	0.1
Aluminum Oxide											
Ammonia	7664417		2	5	1	1	1	2	10045	8839	9037
Antimony compounds	N010	1	1	1	1	1	1	1	2.5	2.5	3.7
Arsenic											
Barium	7440-39-3										
Benzene	71432	3	4	7	5	5	5	5	29	23	28
Carbonyl Sulfide					9	<1	<1	<1	54	53	53
Chlorine	7782505	2	1	1	3	4	5	5	10	14	11
Chromium compounds	7440-47-3										
Cobalt compounds	N096										
Copper compounds	N100										
Cresols (mixed isomers)	1319773										
Cyclohexane	111827	1	1	2	1	1	1	1	11	7.8	9.3
Diethanolamine	111422										
Ethylbenzene	100414	1	1	1	1	1	<1	1	47	14	15
Ethylene	74851	2	1	9	4	5	4	5	5.9	8.8	9.2
Ethylene Glycol	107211		<1	<1	1	1	<1	<1	105	72	110
Hydrochloric acid	7647010		1	1	<1	1	1	1	84	64	62
Hydrogen Fluoride	7664393	1	1	1	<1	<1	<1	<1	121	108	127
Lead compounds	7439-92-1					<1	<1	1	1	1.4	1.3
Mercury compounds	7439-97-6								0.02	0.05	0.04
Methanol	67561	2	493	450	7	10	39	16	89	68	45
Methyl-Tert-Butyl-Ether	1634044	32	41	64	47	40	46	44	812	319	446
Molybdenum Trioxide	1313275		128	173	130	<1	<1	<1	100	69	0.4
Naphthalene	91203								0.7	0.1	0.2
n-Hexane	110543	5	7	11	12	8	12	15	69	45	56
Nickel compounds	N495	4	44	65	66	1	1	1	63	72	6.4
Nitrate compounds	N511	31	135	137	145	159	165	168	854	889	810
PACs									1.6	1.6	0.9
PCB											
Phosphoric Acid	7664382										

TRI Chemical	CAS No.	Total Quantity Released (tons)									
Prochloroethylene			1	1	1	1	1	1	1.9	2	2
Propylene	115071	5	4	15	6	7	5	7	10	16	17
Selenium compounds											
Sodium hydroxide											
Sodium sulfate											
Sodium nitrate	7632000										
Sulfuric Acid	7664939	26	25	26	24	7	5	11	66	59	53
Tetrachloroethylene	127184	1									
Thallium											
Toluene	108883	3	5	7	4	4	4	4	49	33	46
Vanadium compounds					21	3	1	1	165	105	5.8
Xylene (mixed isomers)	1330207	5	5	6	4	4	3	5	194	79	89
Zinc					1	1					

Valero Refining – Texas, L.P.
Toxic Release Inventory for 2007-2011

TRI Chemical Compound Name	CAS No.	Total Quantity Released (tons)									
		2007	2008	2009	2010	2011					
1,2,4-Trimethylbenzene	95636	3.5	6.1	4.1	4.9	13.2					
1.3-Butadiene	106990	0.3	0.52	0.3	0.28	21.5					
Ammonia	7664417	10950	10022	8689	11749	9482					
Antimony compounds	N010	2.6	2.5	0.6	1.2	1.1					
Benzene	71432	22.9	24.4	91.3	169	19.7					
n-Butyl Alcohol	71363		0.06	0.04	0.19	0.52					
Carbon Disulfide	75150			755	868	787					
Carbonyl Sulfide	463581	51.2	41.1	1520	1455	1836					
Chlorine	7782505	5.0	1.3	2.0	2.1	2.2					
Cumene	98828		0.05	0.2	0.48	0.95					
Cyclohexane	111827	5.7	6.6	32.9	54.5	146					
Ethylbenzene	100414	13.7	14.5	31.9	14.0	33.1					
Ethylene	74851	16.4	820	9.1	4.7	71.8					
Ethylene Glycol	107211	110	85.0	121	48.5	97.4					
n-Hexane	110543	40.9	224	182	306	28.2					
Hydrochloric acid	7647010	83.2	72.9	74.1	74.8	57.3					
Hydrogen Fluoride	7664393	147	115	42.4	160	158					
Lead compounds	7439-92-1	1.5	1.6	2.7	12.0	2.3					
Mercury compounds	7439-97-6	0.03	0.06	0.04	0.05	0.04					
Methanol	67561	9.1	8.9	6.9	2.1	6.3					
Molybdenum Trioxide	1313275	97.6	103	146	206	107					
Naphthalene	91203	0.36	0.24	0.12	0.39	0.44					
Nickel compounds	N495	151	161	57.1	223	166					
Nitrate compounds	N511	760	779	227	324	43.8					
PACs		0.27	0.27	0.04	0.02	0.04					
Perchloroethylene	127184	2.0	2.0	2.9	3.0	3.0					
Propylene	115071	357	1252	19.6	39.7	135					
Sulfuric Acid	7664939	21	12.5	56.6	66.4	62.9					
Tert Butyl Alcohol	75650	0.04	0.06	0.25	0.54	0.04					
Toluene	108883	28.6	29.0	108	182	179					
Vanadium compounds		342	349	0.54	417	361					
Xylene (mixed isomers)	1330207	78.3	80.5	203	349	1400					

V. Reduction Goals

The tables below identify completed, ongoing and new projects. These projects are divided into two categories (Hazardous Waste and TRI) and each category into two divisions (Source Reduction and Waste Minimization).

Completed/Ongoing Projects

Project Name	Category and Division	Pollutant Targeted	Reduction Goals
Bio-slurry Reactor Process	Hazardous Waste/Waste Minimization	Nickel, chrome, benzene, toluene, xylene, ethyl benzene	Reduce toxicity of hazardous waste sludges. This unit has been successfully operating since 1993.
Reformate Splitter Project	TRI/Source Reduction	Benzene, ethyl benzene, toluene, xylene	Reduced aromatics in reformulated gasoline. This unit was put into operation in 1994.
WWTP VOC Controls	TRI/Source Reduction	All volatile TRI chemicals	Eliminate emission points to educe overall emission at slop oil storage. These upgrades were performed in 1994.
Tk115 & Tk116 Double Seal	TRI/Source Reduction	TRI volatile chemicals	Prevent volatile emissions. Tanks 115&116 are new sources, so overall emissions may not be reduced. This project was completed in 1993.
Marine Vapor Recovery Unit	TRI/Source Reduction	TRI volatile chemicals	Recycle emissions normally lost during transfer operations, thus eliminating emissions. These controls were implemented in 1993
Flue Gas Scrubber	TRI/Waste Minimization	TRI metals, sulfuric acid	Improve gas scrubbing efficiency and prevent particulates from being discharged. This project was completed in 1993.
HDPE Tank Liners	TRI/Source Reduction	TRI chemicals	Eliminate potential for contaminating groundwater in case of tank leakage. This is now a Valero standard procedure.
RFG for Refinery Vehicles	TRI/Source Reduction	TRI chemicals	Reduce VOC, NO_x and Co emissions from vehicles.
LDAR	TRI/Source Reduction	TRI chemicals	Minimize releases of volatile organic compounds through improved leak detection and repair programs. This project is ongoing.
Upgrade WWTP	TRI/Waste Minimization	Ammonia	Improve wastewater treatment efficiency.
HOC Catalyst Recycling Project	TRI/Waste Minimization	Antimony, nickel	Reduce need to dispose of catalytic cracking catalyst.
Spent Catalyst Metals Reclamation	TRI/Waste Minimization	Molybdenum, cobalt, nickel, antimony	Ongoing program for metals recycling.
Gasoline	TRI/Source Reduction	TRI volatile chemicals	Produce motor gasolines with low sulfur

Project Name	Category and Division	Pollutant Targeted	Reduction Goals
Desulfurization Project (GDU)			content. Unit came online June 2004.
ASO Washer	TRI/Source Reduction	TRI chemicals	Remove fluoride ions from wastewater system.
Seal Inspections	TRI/Source Reduction	Volatile organic chemicals	Reduce VOC emissions.
Vacuum Trucks	TRI/Source Reduction	TRI volatile chemicals	Reduce emissions of volatile chemicals
Vapor Controls for sumps	TRI/Source Reduction	TRI volatile chemicals	Reduce emissions of volatile chemicals
Tank Slotted Guide Poles	TRI/Source Reduction	TRI volatile chemicals	Reduce emissions of volatile organic compounds by installing controls on slotted guide poles over a five-year period
Calcium Fluoride Recycle	TRI/Waste Minimization	Waste minimization	Evaluate use of spent calcium fluoride as raw material for hydrogen fluoride production
Degassing of Tanks	TRI/Source Reduction	TRI volatile chemicals	Reduce emissions of volatile chemicals
Vacuum Trucks	TRI/Source Reduction	TRI volatile chemicals	Reduce emissions of volatile chemicals
Vapor Controls for API Combustor	TRI/Source Reduction	TRI volatile chemicals	Reduce emissions of volatile chemicals

New Projects

Project Name	Category and Division	Pollutant Targeted	Reduction Goals
Slurry Oil Sediment	Hazardous Waste/Waste Minimization	NA	Evaluate methods to process this listed hazardous waste to reduce volume and possibly recover oil to return to process

VI. Cross Media and Cross Pollutant Considerations

Valero has evaluated each of its source reduction and waste minimization projects to ensure that they do not result in the transfer of risk from one pollutant to another or transfer a pollutant from one media to another. By far the majority of Valero's projects result in avoidance of pollutant generation, the actual destruction of pollutants, or significant volume reductions in waste accompanied by recovery of oil or valuable metals.

VII. Implementation Milestones and Schedule

The following milestones have been established for continuing and new projects.

Project Name	Milestone and Schedule
Install emission controls on tank slotted guide poles	Controls will be installed over the next several years as tanks are removed from service for routine maintenance.
Evaluate processing alternatives for slurry oil sediments	New waste processing methods will be evaluated & implemented, if feasible, during next tank cleaning event.
Degassing of tanks to control devices	Controls will be installed over the next several years as tanks are removed from service for routine maintenance.
Control on emissions from vacuum trucks	Controls will be installed in 2008 as available.

VIII. Certification

This certification is intended to meet the requirements of the Resource Conservation and Recovery Act, the Pollution Prevention Act of 1990, 30 TAC §335.471 through §335.480, and 30 TAC §120.101 through §120.110. I certify that Valero Refining – Texas, L.P. has developed a Source Reduction and Waste Minimization Plan for its Corpus Christi Refinery and that this plan is complete and correct. Valero understands that the goals of this plan are voluntary. Finally, Valero will appropriate the resources to properly assess pollutant sources and reduce and/or eliminate those sources where it is technically and economically feasible.

Dennis Payne
Vice President & General Manager
Regional Refinery Operations

12/29/12
Date

ATTACHMENT II

PRIMARY EXPORTER CERTIFICATION

Certification by Primary Exporter

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Dennis Payne, VP & General Manager

2/27/14

Date

276.indd N/S 6/12

VALERO
BILL GREEHEY REFINERIES
Post Office Box 9370 • Corpus Christi, Texas 78469-9370

MEMBER
CLEAN INDUSTRIES 2000

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

CERTIFIED MAIL™

7013 1710 0001 9725 3272

$7.82
US POSTAGE
FIRST-CLASS
062S0007742585
78407

RECEIVED MAR 4 2014

Office of Enforcement and Compliance Assurance
Office of Federal Activities
International Compliance Assurance Division (2254A)
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Route EPA Mail

To: International Compliance Assurance Division

Mailstop ARIEL RIOS NORTH

Department: 2254A

Certified

70131710000197253272

2254A